PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

+

Under the Pagerwork Rectain on Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Cubatituda for form 14400/PTO				Complete if Known			
Substitute for form 1449A/PTO INFORMATION DISCLOSURE						Application Number	10/075,490	
						Filing Date	February 12, 2002	
STATEMENT BY APPLICANT (use as many sheets as necessary)						First Named Inventor	Julie A. Johnson	
						Art Unit	3737	
						Examiner Name	Unassigned	
_	Sheet	1	of		2	Attorney Docket Number	UF-265CXC1	

			U.S. PATENT DO	OCUMENTS	
Examiner Initials*	Cite No. 1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U1	US-			
	U2	US-	<u> </u>		
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			
	Ų10	US-			C 7
	U11	US-			$\omega = 0$
	U12	US-			7.3
	U13	US-			
	U14	US-			
	U15	US-			
	U16	US-			
	U17	US-			77 72
	U18	US			2 -
	U19	US			021
	U20	US-	1		N. P.

		FOREIGN	PATENT DOCU	JMENTS		
Examiner Initials*	Cite No. 1	Foreign Patent Document Country Code 3 - Number 4 - Kind Code 6 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	F1	WO 01/06910 A3	02-01-2001	U of Cincinnati	All	
~	F2	WO 01/79252 A1	10-25-2001	Genaissance Pharmaceuticals, Inc.	All	
	F3					<u> </u>
	F4					
	F5					₩
	F6					\vdash
	F7					-
	F8					₩-
	FQ					<u> </u>

	D-4:		
Examiner	Date		7. /
LAMITIMO	0	. <i>X II</i>	ul~
Signature	Considered		<u> </u>
Olgitature		D # # #	-1

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paremark Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

control number

Sheet

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

2

Complete if Known				
Application Number	10/075,490			
Filing Date	February 12, 2002			
First Named Inventor	Julie A. Johnson			
Group Art Unit	3737			
Examiner Name	Unassigned			
Attorney Docket Number	UF-265CXC1			

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
N	R1	Bengtsson, Kristina <i>et al.</i> , "Polymorphism in the β_1 – Adrenergic Receptor Gene and Hypertension", <i>Circulation</i> J (2001) 104:187-190; Pub: American Heart Association, Inc.	
	R2	Büscher, R. et al., "In-Vivo Studies do not Support a Major Functional Role for the Gly389Arg β1-adrenoceptor J Polymorphism in Humans," Pharmacogenetics (2001) 11(3):199-205; Pub: Lippincott Williams & Wilkins	
·	R3	Dishy, Victor <i>et al.</i> , "The Effect of Common Polymorphisms of the β ₂ – Adrenergic Receptor on Agonist-Mediated Vascular Desensitization", <i>The New England Journal of Medicine</i> (2001) 345(14):1030-1035; Pub: Massachusetts Medical Society	
	R4	Dishy, V. et al., "ARG389HLY Beta-1 Adrenoceptor Polymorphism Does Not Affect Agonist-Mediated Responses in Vivo", Clin. Pharmacology & Therapeutics (2001) 69(2):P5 at PI-17; Pub: American Society for Clinical Pharmacology and Therapeutics	
	R5	Green, Stuart A. et al., "The Ile164 β ₂ – adrenoceptor polymorphism alters salmeterol exosite binding and conventional agonist coupling to G _s ", European Journal of Pharmacology (2001) 421:141-147; Pub: Elsevier Science B.V.	
	R6	Humma, Larisa M. et al., "Effects of Beta ₁ – Adrenoceptor Genetic Polymorphisms on Resting Hemodynamics in Patients Undergoing Diagnostic Testing for Ischemia", <i>The American Journal of Cardiology</i> (2001) 88:1034-1037; Pub: Excerpta Medica, Inc.	
	R7	Jia, Haiyan et al., "Association of the G _s α Gene with Essential Hypertension and Response to β-Blockade," // Hypertension (1999) 34(1):8-14; Pub: American Heart Association, Inc.	
	R8	Jia, Haiyan et al., "β₂ – Adrenoceptor gene polymorphisms and blood pressure variations in East Anglian / Caucasians", Journal of Hypertension (2000) 18(6): 687-693; Pub: Lippincott Williams & Wilkins	
	R9	Johnson, Julie A. et al., "Metoprolol Minimizes Nighttime Blood Pressure Dip in Hypertensive Black Males, Am. J. Hypertens. (1995) 8(3):254-259; Pub: American Journal of Hypertension, Ltd.	
	R10	Moore, J.D., et al., "Racial Differences in the Frequencies of Cardiac β(1)-Adrenergic Receptor Polymorphisms: Analysis of c145A>G and c1165G>C," Hum Mutat (1999) 14(3):271 [Mutat. & Polymorph. Report #65] Pub: Online	1
	R11	Schäfers, Rafael F. et al., "Haemodynamic characterization of young normotensive men carrying the 825T-allele of the G-protein β ₃ subunit", <i>Pharmacogenetics</i> (2001) 11:461-470; Pub: Lippincott Williams & Wilkins	
	R12	Siffert, W., et al., "Worldwide Ethnic Distribution of the G Protein β3 Subunit 825T Allele and its Association with Obesity in Caucasian, Chinese, and Black African Individuals," J Am. Soc. Nephrol. (1999) 10(9):1927-30; Pub: American Society of Nephrology	
	R13	Waltman, Claire, et al., "Polymorphism of the Gene Encoding the Alpha Subunit of the Stimulatory General Adenylyl Cyclase (GNAS1)" Hum Genet (1994) 93(4):477-8; Pub: Springer-Verlag	
	R14	Xie, H.G. et al., "Beta-1 and Beta-2 Adrenergic Receptor (BAR) Polymorphisms and Obesity in Africang Americans (AA) and Caucasian-Americans (CA)", Clin. Pharmacol. & Ther. (Feb. 2001) P74 at PIII-40; Pub: American Society for Clinical Pharmacology and Therapeutics	
~	R15	Xie, H.G. et al., "Interethnic Differences in β2 Adrenoceptor Polymorphisms in African-American, Caucasian and Chinese Populations" (abstract), Clin. Pharmacol. & Ther. (Feb. 1999) 65(2):133 at PI-65; Pub: Mosborinc.	

1	Examiner	~	Date	X/14/3
Į	Signature	,	Considered	011202

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

十

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.



COPY OF PAPERS ORIGINALLY FILED

1

PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

Sheet

Cor	nplete if Known						
Application Number	Application Number 10/075,490						
Filing Date February 12, 2002							
First Named Inventor	Julie A. Johns	on					
Group Art Unit	3737	ر ۱					
Examiner Name	Unassigned			ブ			
Attorney Docket Number	UF-265CXC1	- 03	<u></u>				

		NON PATENT LITERATURE DOCUMENTS	
			1
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
\	R1	Taylor, D.R., et al., "The Influence of Polymorphism at Position 16 of the β_2 -Adrenoceptor on the Development of Tolerance to β -agonist," Journal of Asthma, 2000, pp. 691-700, vol. 37 no. 8, Marcel Dekker, Inc.	
	R2		
	R3		
	R4		
	R5		
	R6		
	R7		
	R8		
	R9		
	R10		
	R11		
	R12		
	R13		
	R14		
	R15		
	R16		

Examiner	Date	-/4/12
Signature	Considered	8117/03

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.